

What is claimed is:

1. An inkjet recording device comprising:

a recording head provided with a nozzle for jetting ink,

wherein the inkjet recording device records an image by jetting the ink from the recording head onto a recording medium, while moving the recording head and the recording medium relatively, and

the inkjet recording device further comprises,

a viewing distance setting unit for setting a parameter corresponding to a distance from which the recording medium after a recording is viewed;

a recording mode setting unit for setting a recording mode based on the parameter set by the viewing distance setting unit; and

a control device for controlling an operation of a jetting of the ink by the recording head and the relative movement of the recording head and the recording medium so that the recording is performed according to the recording mode set by the recording mode setting unit.

2. The inkjet recording device of claim 1, further comprising a head scanning mechanism for making the recording head scan in a direction perpendicular to a conveying direction of the recording medium,

wherein the recording mode set by the recording mode

setting unit is the number of scans of the recording head which is required to record a predetermined area in the conveying direction of the recording medium.

3. The inkjet recording device of claim 1, further comprising a head scanning mechanism for making the recording head scan in a direction perpendicular to a conveying direction of the recording medium,

wherein the recording mode set by the recording mode setting unit is any one of a two-way recording for performing the recording by jetting the ink from the recording head in both directions of a back-and-forth scan of the recording head by the head scanning mechanism, or a one-way recording for performing the recording by jetting the ink from the recording head in one direction of a back-and-forth scan of the recording head by the head scanning mechanism.

4. The inkjet recording device of claim 1, further comprising a head scanning mechanism for making the recording head scan in a direction perpendicular to a conveying direction of the recording medium,

wherein the recording mode set by the recording mode setting unit is a scan speed of the recording head by the head scanning mechanism.

5. The inkjet recording device of claim 1, wherein the nozzle is formed extending along a recording width of the recording medium, the inkjet recording device further comprises a conveying mechanism for conveying the recording medium in a direction perpendicular to the recording width, and the recording mode set by the recording mode setting unit is a conveying speed of the recording medium by the conveying mechanism.

6. The inkjet recording device of claim 1 wherein the recording mode set by the recording mode setting unit is a recording resolution.

7. The inkjet recording device of claim 1, further comprising an image quality level setting unit for setting an intended image quality level of the image to be recorded, wherein the recording mode setting unit sets the recording mode based on the parameter set by the viewing distance setting unit and the image quality level set by the image quality level setting unit.

8. The inkjet recording device of claim 1, further comprising a recording medium specifying unit for specifying a type of the recording medium, wherein the recording mode setting unit sets the

recording mode based on the parameter set by the viewing distance setting unit and the type of the recording medium specified by the recording medium specifying unit.

9. The inkjet recording device of claim 1, further comprising an interface for connecting with an external device,

wherein an input for the setting in the viewing distance setting unit is performed in a computer system connected to the interface directly or through a predetermined network.

10. The inkjet recording device of claim 7, further comprising an interface for connecting with an external device,

wherein an input for the setting in the image quality level setting unit is performed in a computer system connected to the interface directly or through a predetermined network.

11. The inkjet recording device of claim 8, further comprising an interface for connecting with an external device,

wherein an input for the setting in the recording medium specifying unit is performed in a computer system connected to the interface directly or through a

predetermined network.

12. The inkjet recording device of claim 1, wherein the ink is photocurable ink cured by irradiation of a light, and

the inkjet recording device further comprises a light source for irradiating the light onto the photocurable ink jetted from the recording head and landed on the recording medium.

13. The inkjet recording device of claim 12, wherein the photocurable ink is UV curable ink cured by irradiation of a ultraviolet ray, and

the light source is an UV light source for generating the ultraviolet ray.

14. The inkjet recording device of claim 13 wherein the UV curable ink is ink comprising a cationic polymerizable compound.

15. An inkjet recording device comprising:
a recording head provided with a nozzle for jetting ink,

wherein the inkjet recording device records an image by jetting the ink from the recording head onto a recording medium, while moving the recording head and the recording

medium relatively, and

the inkjet recording device further comprises,

an image quality level setting unit for setting an intended image quality level of the image to be recorded;

a size identifying unit for identifying a recording size of the image to be recorded;

a recording mode setting unit for setting a recording mode based on the image quality level set by the image quality level setting unit and the recording size identified by the size identifying unit; and

a control device for controlling an operation of a jetting of the ink by the recording head and the relative movement of the recording head and the recording medium so that the recording is performed according to the recording mode set by the recording mode setting unit.

16. The inkjet recording device of claim 15, further comprising a head scanning mechanism for making the recording head scan in a direction perpendicular to a conveying direction of the recording medium,

wherein the recording mode set by the recording mode setting unit is the number of scans of the recording head which is required to record a predetermined area in the conveying direction of the recording medium.

17. The inkjet recording device of claim 15,

further comprising a head scanning mechanism for making the recording head scan in a direction perpendicular to a conveying direction of the recording medium,

wherein the recording mode set by the recording mode setting unit is any one of a two-way recording for performing the recording by jetting the ink from the recording head in both directions of a back-and-forth scan of the recording head by the head scanning mechanism, or a one-way recording for performing the recording by jetting the ink from the recording head in one direction of a back-and-forth scan of the recording head by the head scanning mechanism.

18. The inkjet recording device of claim 15, further comprising a head scanning mechanism for making the recording head scan in a direction perpendicular to a conveying direction of the recording medium,

wherein the recording mode set by the recording mode setting unit is a scan speed of the recording head by the head scanning mechanism.

19. The inkjet recording device of claim 15, wherein the nozzle is formed extending along a recording width of the recording medium, and

the inkjet recording device further comprises a conveying mechanism for conveying the recording medium in a

direction perpendicular to the recording width, and

the recording mode set by the recording mode setting unit is a conveying speed of the recording medium by the conveying mechanism.

20. The inkjet recording device of claim 15 wherein the recording mode set by the recording mode setting unit is a recording resolution.

21. The inkjet recording device of claim 15, further comprising a recording medium specifying unit for specifying a type of the recording medium,

wherein the recording mode setting unit sets the recording mode based on the type of the recording medium specified by the recording medium specifying unit, the image quality level set by the image quality level setting unit, and the recording size identified by the size identifying unit.

22. The inkjet recording device of claim 15, further comprising an interface for connecting with an external device,

wherein an input for the setting in the viewing distance setting unit is performed in a computer system connected to the interface directly or through a predetermined network.

23. The inkjet recording device of claim 21, further comprising an interface for connecting with an external device,

wherein an input for the setting in the viewing distance setting unit is performed in a computer system connected to the interface directly or through a predetermined network.

24. The inkjet recording device of claim 15, wherein the ink is photocurable ink cured by irradiation of a light, and

the inkjet recording device further comprises a light source for irradiating the light onto the photocurable ink jetted from the recording head and landed on the recording medium.

25. The inkjet recording device of claim 24, wherein the photocurable ink is UV curable ink cured by irradiation of a ultraviolet ray, and

the light source is an UV light source for generating the ultraviolet ray.

26. The inkjet recording device of claim 25 wherein the UV curable ink is ink comprising a cationic polymerizable compound.